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**PLANETARY TRANSMISSION HAVING A
ROTATING-TYPE TORQUE-TRANSMITTING MECHANISM
WITH A STATIONARY PISTON**

ABSTRACT OF THE DISCLOSURE

A planetary transmission has a plurality of rotating-type torque-transmitting mechanism that are operable to connect a rotating input mechanism with one or more planetary gear members. At least two of the

5 rotating-type torque-transmitting mechanisms are radially stacked and axially aligned. At least one of the radially stacked rotating torque-transmitting mechanisms has an apply piston that is slidably mounted in a stationary transmission housing, an apply plate that is rotatable with a portion of the torque-transmitting mechanism, and a bearing disposed therebetween to

10 accommodate relative rotation therebetween.